### Message

From: Kwok, Frances [Kwok.Frances@epa.gov]

**Sent**: 2/14/2017 8:35:24 PM

To: Henning, Loren [Henning.Loren@epa.gov]

CC: d'Almeida, Carolyn K. [dAlmeida.Carolyn@epa.gov]

**Subject**: FW: Williams ST12 technical response

Attachments: ST12 Joint agency comment letter 1.25.17.pdf; Draft\_Amended Proposed\_Plan\_OU-2\_010413.pdf; Engineered

Anaerobic Bio-Oxidation Systems. GMR article.pdf; GWTSC-038 Davis Williams AFB AF RTC 10 2016 Review final.pdf;

Williams AFB FinalFieldVarianceMemorandum #5A Extraction and TreatmentCaptureEvaluation memo 2-2-17 -

Davis.pdf; Letter to Philip H. Mook dated Feb 8, 2017 re Williams Air Force Base.pdf

Importance: High

#### Loren,

I received the following email from you and asking me to email the signed letter by Angeles and Tina to the addressees today. I don't have their email addresses. I forwarded all the attachments that were sent to me by Carolyn and the letter signed by Angeles and Tina for you to email them. Please see the message from Carolyn at the bottom of the page. Thanks, Frances



Tue 2/14/2017 10:09 AM

Henning, Loren

Williams Air Force Base

To WKwak, Frances

Refertion Policy - Inbox (Never)

Expires Nell

Frances, please make a PDF of the letter and attachments for the letter signed by Angeles and Tina LePage and email it to the addressees today. Thanks.

Loren

Sent from my iPhone

From: d'Almeida, Carolyn K.

Sent: Thursday, February 09, 2017 3:18 PM
To: Kwok, Frances < Kwok. Frances@epa.gov>
Cc: Henning, Loren < Henning. Loren@epa.gov>
Subject: FW: Williams ST12 technical response

### Frances

There is a letter coming to you to mail out today addressed to Phil Mook regarding Williams; all of these attachments need to get mailed out with that letter. I presume Loren will send an electronic copy. The last of these attachments is a guidance document that is too big to go through the AFs email server and will cause the email to bounce back. But it is downloadable from a link that can be sent electronically

A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems Final Project Report EPA -600-R08-003

https://nepis.epa.gov/Exe/ZyNET.exe/60000MYO.TXT?ZyActionD=ZyDocument&Client=EPA&Index=2006+Thru+2010&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5Czyfiles%5CIndex%20Data%5C06thru10%5CTxt%5C00000002%5C60000MYO.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-

&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL

### Thanks

# Carolyn

From: d'Almeida, Carolyn K.

Sent: Friday, February 03, 2017 10:22 AM

To: 'JERRARD, CATHERINE V CIV USAF HAF AFCEC/CIBW' <catherine.jerrard@us.af.mil>; 'ardis.dickey.ctr@us.af.mil'

<ardis.dickey.ctr@us.af.mil>

Cc: Wayne Miller < Miller. Wayne@azdeq.gov>; Davis, Eva < Davis Eva@epa.gov>; Henning, Loren

<Henning.Loren@epa.gov>

Subject: Williams ST12 technical response

# Cathy

I was asked to go ahead and send to you this letter providing the technical basis for the joint agency response to Phil's letter so that you will have the scope of the agencies concerns and understand the technical complexity of the problem now to be solved in advance of the letter coming from management. Angeles and Tina will be following with their response once that letter is signed. Hard copies of attached letter and supporting documentation will be coming in the mail. In addition, I have also included comments received from Eva yesterday on the particle tracking model for the containment system so you have a complete package for discussion at the next BCT. I'll leave it to you to forward to the other participants.

## Have a good weekend!

Carolyn d'Almeida Remedial Project Manager Federal Facilites Branch (SFD 8-1) US EPA Region 9 (415) 972-3150

"Because a waste is a terrible thing to mind..."